

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2019

Sutter Maintenance Yard East Levee Sutter Bypass

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sutter Bypass Levee	Left	21.68	05/08/2019 05/08/2019	Makar Sokol

LM Start		Rating **	A	Issue No.	4
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Operations & Maintenance Manuals				
DWR ID	DWR_ST0002_01_s_2013_4				
Comment Code					
Inspector Comment					
The LMA has the O&M manuals.					

No Photos

LM Start		Rating **	A	Issue No.	5
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Emergency Supplies & Equipment				
DWR ID	DWR_ST0002_01_s_2013_5				
Comment Code					
Inspector Comment					
The LMA has flood fight supplies and equipment.					

No Photos

LM Start		Rating **	A	Issue No.	6
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Flood Preparedness & Training				
DWR ID	DWR_ST0002_01_s_2013_6				
Comment Code					
Inspector Comment					
The LMA has completed flood flight training.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Levee Inspections**

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Sutter Maintenance Yard East Levee Sutter Bypass

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sutter Bypass Levee	Left	21.68	05/08/2019 05/08/2019	Makar Sokol

LM Start	0.01	Rating **	U	Issue No.	3
LM End	21.78	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.151161 °	38.898027 °
				-121.832001 °	-121.617900 °
DWR ID	DWR_ST0002_01_s_2012_3				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP_2019_ST0002_450_3_20190510_00083.jpg



View of the vegetation on the waterside slope. Spring 2019.

LM Start	0.01	Rating **	U	Issue No.	2
LM End	21.78	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.151161 °	38.898028 °
				-121.832000 °	-121.617900 °
DWR ID	DWR_ST0002_01_s_2012_2				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP_2019_ST0002_450_2_20190510_00084.jpg



View of the vegetation on the landside slope. Spring 2019.

LM Start	0.36	Rating **	M	Issue No.	42
LM End	0.36	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			39.147183 °	39.147183 °
				-121.828142 °	-121.828142 °
DWR ID	DWR_ST0002_01_s_2017_42				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					
Repair the erosion along the waterside toe.					

Photo 1 of 1 : SP_2019_ST0002_450_42_20190327_00009.jpg



View of the erosion along the waterside toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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Sutter Maintenance Yard East Levee Sutter Bypass

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sutter Bypass Levee	Left	21.68	05/08/2019 05/08/2019	Makar Sokol

LM Start	1.11	Rating **	M	Issue No.	46
LM End	1.11	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.140817 °	39.140817 °
				-121.816848 °	-121.816848 °
DWR ID	DWR_ST0002_01_s_2018_46				
Comment Code					
GA : Garbage					
Inspector Comment					
Remove the garbage from the waterside slope.					

Photo 1 of 1 : SP_2019_ST0002_450_46_20190327_00012.jpg



View of the garbage along the waterside slope.

LM Start	1.53	Rating **	U	Issue No.	57
LM End	1.53	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			39.137373 °	39.137373 °
				-121.810382 °	-121.810382 °
DWR ID	DWR_ST0002_01_f_2017_57				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					
Repair the beaver hole along the waterside berm.					

Photo 1 of 1 : SP_2019_ST0002_450_57_20190327_00013.jpg



View of the beaver hole along the waterside berm.

LM Start	1.57	Rating **	U	Issue No.	58
LM End	1.57	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			39.137010 °	39.137010 °
				-121.809673 °	-121.809673 °
DWR ID	DWR_ST0002_01_f_2017_58				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					
Repair the beaver hole along the waterside berm.					

Photo 1 of 1 : SP_2019_ST0002_450_58_20190327_00014.jpg



View of the beaver hole along the waterside berm.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain			

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Levee Inspections**

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Sutter Maintenance Yard East Levee Sutter Bypass

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sutter Bypass Levee	Left	21.68	05/08/2019 05/08/2019	Makar Sokol

LM Start	1.61	Rating **	U	Issue No.	61
LM End	1.61	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			39.136713 °	39.136713 °
				-121.809202 °	-121.809202 °
DWR ID	DWR_ST0002_01_f_2017_61				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					
Repair the beaver hole along the waterside berm.					

Photo 1 of 1 : SP_2019_ST0002_450_61_20190327_00015.jpg



View of the beaver hole along the waterside berm.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Levee Inspections**

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Sutter Maintenance Yard East Levee Sutter Bypass

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sutter Bypass Levee	Left	21.68	05/08/2019 05/08/2019	Makar Sokol

LM Start	3.55	Rating **	M	Issue No.	71
LM End	3.55	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.120372 °	39.120372 °
				-121.779800 °	-121.779800 °
DWR ID	16880				
Comment Code					
Inspector Comment					
FS_ID:53682 DS_ID:16880 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 02/12/2019 (O. Magana - DWR UCIP)01/11/2019 Record has been updated to show pumping plant is still in use and not abandoned. (O. Magana - DWR UCIP) 4/11/2017 Not abandoned. good condition. (DWR Sutter Yard-AFreitag)10/10/2016 NOT ABANDONED. The old pumping plant was removed but the culverts are still used as a gravity drain to regulate the water level in the LS ditch.(DWR Sutter Yard - afreitag)4/18/2016 Crossing is in good condition. The culvert is not abandoned and is used as gravity drain for the LS ditch into the bypass channel.5/7/2015 Concrete culverts are still being used as gravity drains for the LS ditch.11/12/2014 Same as last inspection.5/13/2014 Same as last inspection.10/30/2103 Same as last inspection.5/22/2013 Concrete culvert is being used as gravity drain for LS ditch.10/8/2012 Flap gates left in open position. Unable to determine type of abandonment for concrete culverts. Contact inspector to determine type of abandonment. FIELD_STRUCT_DESC: [Pumping Plant No. 3] 1 of 2: 48-inch by 72-inch reinforced concrete drainage culvert through the levee, 30 feet below the crown. Slide gate in concrete well on the landside (LS) shoulder. Wood flap gate and concrete headwall on the waterside (WS) end. Abandoned State pumping plant on the LS. [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 315, May 1953 (Station 966+30)]. FS Date: 2/12/2019 3:05:00 PM					

Photo 1 of 3 : UCIP_SP_2019_53682_78856.jpg



Overview of levee crown looking towards pumping station.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Sutter Maintenance Yard East Levee Sutter Bypass

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sutter Bypass Levee	Left	21.68	05/08/2019 05/08/2019	Makar Sokol

LM Start	3.55	Rating **	M	Issue No.	71 (cont)	
LM End	3.55	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			39.120372 °	39.120372 °	
				-121.779800 °	-121.779800 °	
DWR ID	16880					
Comment Code						
Inspector Comment						
FS_ID:53682 DS_ID:16880 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 02/12/2019 (O. Magana - DWR UCIP)01/11/2019 Record has been updated to show pumping plant is still in use and not abandoned. (O. Magana - DWR UCIP) 4/11/2017 Not abandoned. good condition. (DWR Sutter Yard-AFreitag)10/10/2016 NOT ABANDONED. The old pumping plant was removed but the culverts are still used as a gravity drain to regulate the water level in the LS ditch.(DWR Sutter Yard - afreitag)4/18/2016 Crossing is in good condition. The culvert is not abandoned and is used as gravity drain for the LS ditch into the bypass channel.5/7/2015 Concrete culverts are still being used as gravity drains for the LS ditch.11/12/2014 Same as last inspection.5/13/2014 Same as last inspection.10/30/2103 Same as last inspection.5/22/2013 Concrete culvert is being used as gravity drain for LS ditch.10/8/2012 Flap gates left in open position. Unable to determine type of abandonment for concrete culverts. Contact inspector to determine type of abandonment. FIELD_STRUCT_DESC: [Pumping Plant No. 3] 1 of 2: 48-inch by 72-inch reinforced concrete drainage culvert through the levee, 30 feet below the crown. Slide gate in concrete well on the landside (LS) shoulder. Wood flap gate and concrete headwall on the waterside (WS) end. Abandoned State pumping plant on the LS. [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 315, May 1953 (Station 966+30)]. FS Date: 2/12/2019 3:05:00 PM						

Photo 2 of 3 : UCIP_SP_2019_53682_78857.jpg



LS view: slide gate valves located on LS shoulder.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

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Sutter Maintenance Yard East Levee Sutter Bypass

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sutter Bypass Levee	Left	21.68	05/08/2019 05/08/2019	Makar Sokol

LM Start	3.55	Rating **	M	Issue No.	71 (cont)	
LM End	3.55	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			39.120372 °	39.120372 °	
				-121.779800 °	-121.779800 °	
DWR ID	16880					
Comment Code						
Inspector Comment						
FS_ID:53682 DS_ID:16880 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 02/12/2019 (O. Magana - DWR UCIP)01/11/2019 Record has been updated to show pumping plant is still in use and not abandoned. (O. Magana - DWR UCIP) 4/11/2017 Not abandoned. good condition. (DWR Sutter Yard-AFreitag)10/10/2016 NOT ABANDONED. The old pumping plant was removed but the culverts are still used as a gravity drain to regulate the water level in the LS ditch.(DWR Sutter Yard - afreitag)4/18/2016 Crossing is in good condition. The culvert is not abandoned and is used as gravity drain for the LS ditch into the bypass channel.5/7/2015 Concrete culverts are still being used as gravity drains for the LS ditch.11/12/2014 Same as last inspection.5/13/2014 Same as last inspection.10/30/2103 Same as last inspection.5/22/2013 Concrete culvert is being used as gravity drain for LS ditch.10/8/2012 Flap gates left in open position. Unable to determine type of abandonment for concrete culverts. Contact inspector to determine type of abandonment. FIELD_STRUCT_DESC: [Pumping Plant No. 3] 1 of 2: 48-inch by 72-inch reinforced concrete drainage culvert through the levee, 30 feet below the crown. Slide gate in concrete well on the landside (LS) shoulder. Wood flap gate and concrete headwall on the waterside (WS) end. Abandoned State pumping plant on the LS. [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 315, May 1953 (Station 966+30)]. FS Date: 2/12/2019 3:05:00 PM						

Photo 3 of 3 : UCIP_SP_2019_53682_64815.jpg



Slide gates on LS shoulder.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Sutter Maintenance Yard East Levee Sutter Bypass

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sutter Bypass Levee	Left	21.68	05/08/2019 05/08/2019	Makar Sokol

LM Start	3.55	Rating **	M	Issue No.	72
LM End	3.55	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.120358 °	39.120358 °
				-121.779775 °	-121.779775 °
DWR ID	16895				
Comment Code					
Inspector Comment					
FS_ID:53681 DS_ID:16895 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 02/12/2019 (O. Magana - DWR UCIP)01/11/2019 Record has been updated to show pumping plant is still in use and not abandoned. (O. Magana - DWR UCIP) 4/11/2017 Not abandoned. Good condition. (DWR Sutter Yard-AFreitag)10/10/2016 NOT ABANDONED. The old pumping plant was removed but the culverts are still used as a gravity drain to regulate the water level in the LS ditch.(DWR Sutter Yard - afreitag)4/18/2016 Crossing is in good condition. The culvert is not abandoned and is used as gravity drain for the LS ditch into the bypass channel.5/7/2015 Concrete culverst still being used as gravity drains for LS ditch.11/12/2014 Same as last inspection.5/13/2014 Same as last inspection.10/30/2103 Same as last inspection.5/22/2013 Concrete culvert is being used as gravity drain for LS ditch.10/8/2012 Flap gates in open position. Need to determine type of abandonment. Contact inspector to determine abandonment. FIELD_STRUCT_DESC: [Pumping Plant No. 3] 2 of 2: 48-inch by 72-inch reinforced concrete drainage culvert through the levee, 30 feet below the crown. Slide gate in concrete well on the landside (LS) shoulder. Wood flap gate and concrete headwall on the waterside (WS) end. Abandoned State pumping plant on the LS. [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 315, May 1953 (Station 966+30)]. FS Date: 2/12/2019 3:06:00 PM					

Photo 1 of 3 : UCIP_SP_2019_53681_78863.jpg



Overview of levee crown looking towards pumping station.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Levee Inspections**

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Sutter Maintenance Yard East Levee Sutter Bypass

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sutter Bypass Levee	Left	21.68	05/08/2019 05/08/2019	Makar Sokol

LM Start	3.55	Rating **	M	Issue No.	72 (cont)	
LM End	3.55	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			39.120358 °	39.120358 °	
				-121.779775 °	-121.779775 °	
DWR ID	16895					
Comment Code						
Inspector Comment						
FS_ID:53681 DS_ID:16895 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 02/12/2019 (O. Magana - DWR UCIP)01/11/2019 Record has been updated to show pumping plant is still in use and not abandoned. (O. Magana - DWR UCIP) 4/11/2017 Not abandoned. Good condition. (DWR Sutter Yard-AFreitag)10/10/2016 NOT ABANDONED. The old pumping plant was removed but the culverts are still used as a gravity drain to regulate the water level in the LS ditch.(DWR Sutter Yard - afreitag)4/18/2016 Crossing is in good condition. The culvert is not abandoned and is used as gravity drain for the LS ditch into the bypass channel.5/7/2015 Concrete culverst still being used as gravity drains for LS ditch.11/12/2014 Same as last inspection.5/13/2014 Same as last inspection.10/30/2103 Same as last inspection.5/22/2013 Concrete culvert is being used as gravity drain for LS ditch.10/8/2012 Flap gates in open position. Need to determine type of abandonment. Contact inspector to determine abandonment. FIELD_STRUCT_DESC: [Pumping Plant No. 3] 2 of 2: 48-inch by 72-inch reinforced concrete drainage culvert through the levee, 30 feet below the crown. Slide gate in concrete well on the landside (LS) shoulder. Wood flap gate and concrete headwall on the waterside (WS) end. Abandoned State pumping plant on the LS. [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 315, May 1953 (Station 966+30)]. FS Date: 2/12/2019 3:06:00 PM						

Photo 2 of 3 : UCIP_SP_2019_53681_78866.jpg



Overview of levee crown, photo taken at crossings looking u/s.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Sutter Maintenance Yard East Levee Sutter Bypass

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sutter Bypass Levee	Left	21.68	05/08/2019 05/08/2019	Makar Sokol

LM Start	3.55	Rating **	M	Issue No.	72 (cont)	
LM End	3.55	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			39.120358 °	39.120358 °	
				-121.779775 °	-121.779775 °	
DWR ID	16895					
Comment Code						
Inspector Comment						
FS_ID:53681 DS_ID:16895 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 02/12/2019 (O. Magana - DWR UCIP)01/11/2019 Record has been updated to show pumping plant is still in use and not abandoned. (O. Magana - DWR UCIP) 4/11/2017 Not abandoned. Good condition. (DWR Sutter Yard-AFreitag)10/10/2016 NOT ABANDONED. The old pumping plant was removed but the culverts are still used as a gravity drain to regulate the water level in the LS ditch.(DWR Sutter Yard - afreitag)4/18/2016 Crossing is in good condition. The culvert is not abandoned and is used as gravity drain for the LS ditch into the bypass channel.5/7/2015 Concrete culverst still being used as gravity drains for LS ditch.11/12/2014 Same as last inspection.5/13/2014 Same as last inspection.10/30/2103 Same as last inspection.5/22/2013 Concrete culvert is being used as gravity drain for LS ditch.10/8/2012 Flap gates in open position. Need to determine type of abandonment. Contact inspector to determine abandonment. FIELD_STRUCT_DESC: [Pumping Plant No. 3] 2 of 2: 48-inch by 72-inch reinforced concrete drainage culvert through the levee, 30 feet below the crown. Slide gate in concrete well on the landside (LS) shoulder. Wood flap gate and concrete headwall on the waterside (WS) end. Abandoned State pumping plant on the LS. [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 315, May 1953 (Station 966+30)]. FS Date: 2/12/2019 3:06:00 PM						

Photo 3 of 3 : UCIP_SP_2019_53681_78864.jpg



LS view: slide gate valves located on LS shoulder.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sutter Bypass Levee	Left	21.68	05/08/2019 05/08/2019	Makar Sokol

LM Start	5.19	Rating **	M	Issue No.	45
LM End	5.19	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			39.103368 °	39.103368 °
				-121.758760 °	-121.758760 °
DWR ID	DWR_ST0002_01_s_2018_45				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 1 : SP_2019_ST0002_450_45_20190327_00011.jpg



View of the vehicle traffic along the waterside slope.

LM Start	7.83	Rating **	A/W	Issue No.	34
LM End	7.83	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			39.067299 °	39.067299 °
				-121.742851 °	-121.742851 °
DWR ID	DWR_ST0002_01_f_2016_34				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					

Photo 1 of 1 : SP_2019_ST0002_450_34_20190327_00007.jpg



View of the erosion along the waterside toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Sutter Maintenance Yard East Levee Sutter Bypass

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sutter Bypass Levee	Left	21.68	05/08/2019 05/08/2019	Makar Sokol

LM Start	10.83	Rating **	M	Issue No.	78
LM End	10.83	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.025693 °	39.025693 °
				-121.726895 °	-121.726895 °
DWR ID	16871				
Comment Code					
Inspector Comment					
FS_ID:53897 DS_ID:16871 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 05/01/2019 (O. Magana - DWR UCIP)04/11/2017 Abandoned.10/10/2016 Abandoned crossing.04/18/2016 Abandoned crossing but no noticeable issues seen with it.05/07/2015 Abandoned crossing but no noticebale issues with it.11/12/2014 Same as last inspection.05/13/2014 Same as last inspection.10/30/2013 Same as last inspection.05/22/2013 Same as last inspection.10/8/2012 Need to determine type of abandonment. FIELD_STRUCT_DESC: *ABANDONED* [Pumping Plant No. 2] 1 of 5: 48-inch by 72-inch reinforced concrete drainage culvert through the levee, 31.5 feet below the crown. Wood flap gate and concrete headwall on the waterside (WS) end. Wooden steps on the landside (LS) slope. Concrete steps on the WS end. [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 315, May 1953 (Station 582+19)]. FS Date: 5/1/2019 2:29:39 PM					

LM Start	10.83	Rating **	M	Issue No.	78 (cont)
LM End	10.83	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2019_53897_65251.jpg



Slide gates on WS shoulder

Photo 2 of 3 : UCIP_SP_2019_53897_65250.jpg



Flap gates on WS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2019

Sutter Maintenance Yard East Levee Sutter Bypass

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sutter Bypass Levee	Left	21.68	05/08/2019 05/08/2019	Makar Sokol

LM Start	10.83	Rating **	M	Issue No.	78 (cont)	
LM End	10.83	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			39.025693 °	39.025693 °	
				-121.726895 °	-121.726895 °	
DWR ID	16871					
Comment Code						
Inspector Comment						
FS_ID:53897						
DS_ID:16871						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: 05/01/2019 (O. Magana - DWR UCIP)04/11/2017						
Aabandoned.10/10/2016 Abandoned crossing.04/18/2016						
Abandoned crossing but no noticeable issues seen with it.05/07/2015						
Abandoned crossing but no noticebale issues with it.11/12/2014						
Same as last inspection.05/13/2014 Same as last						
inspection.10/30/2013 Same as last inspection.05/22/2013 Same						
as last inspection.10/8/2012 Need to determine type of abandonment.						
FIELD_STRUCT_DESC: *ABANDONED* [Pumping Plant No. 2] 1 of 5:						
48-inch by 72-inch reinforced concrete drainage culvert through the						
levee, 31.5 feet below the crown. Wood flap gate and concrete						
headwall on the waterside (WS) end. Wooden steps on the landside						
(LS) slope. Concrete steps on the WS end. [Additional Reference(s):						
DWR Levee Log, 2005. USACE Sacramento O&M Manual 315, May						
1953 (Station 582+19)].						
FS Date: 5/1/2019 2:29:39 PM						

Photo 3 of 3 : UCIP_SP_2019_53897_65249.jpg



Pumphouse/intake structure on LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2019

Sutter Maintenance Yard East Levee Sutter Bypass

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sutter Bypass Levee	Left	21.68	05/08/2019 05/08/2019	Makar Sokol

LM Start	10.83	Rating **	M	Issue No.	79
LM End	10.83	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.025683 °	39.025683 °
				-121.726886 °	-121.726886 °
DWR ID	16906				
Comment Code					
Inspector Comment					
FS_ID:53898 DS_ID:16906 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 05/01/2019 (O. Magana - DWR UCIP)04/11/2017 Abandoned.10/10/2016 Crossing appears to be in good condition. (DWR Sutter Yard - afreitag)04/18/2016 Abandoned crossing but no noticeable issues seen with it.05/07/2015 Abandoned crossing but no noticeable issues to report.11/12/2014 Same as last inspection.05/13/2014 Same as last inspection.10/30/2013 Same as last inspection.05/22/2013 Same as last inspection.10/8/2012 Determine type of abandonment. FIELD_STRUCT_DESC: *ABANDONED* [Pumping Plant No. 2] 2 of 5: 48-inch by 72-inch reinforced concrete drainage culvert through the levee, 31.5 feet below the crown. Wood flap gate and concrete headwall on the waterside (WS) end. Wooden steps on the landside (LS) slope. Concrete steps on the WS end. [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 315, May 1953 (Station 582+19)]. FS Date: 5/1/2019 2:30:20 PM					

LM Start	10.83	Rating **	M	Issue No.	79 (cont)
LM End	10.83	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2019_53898_65254.jpg



Slide gates on WS shoulder.

Photo 2 of 3 : UCIP_SP_2019_53898_65253.jpg



Flap gates on WS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2019

Sutter Maintenance Yard East Levee Sutter Bypass

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sutter Bypass Levee	Left	21.68	05/08/2019 05/08/2019	Makar Sokol

LM Start	10.83	Rating **	M	Issue No.	79 (cont)	
LM End	10.83	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			39.025683 °		39.025683 °
				-121.726886 °		-121.726886 °
DWR ID	16906					
Comment Code						
Inspector Comment						
FS_ID:53898 DS_ID:16906 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 05/01/2019 (O. Magana - DWR UCIP)04/11/2017 Abandoned.10/10/2016 Crossing appears to be in good condition. (DWR Sutter Yard - afreitag)04/18/2016 Abandoned crossing but no noticeable issues seen with it.05/07/2015 Abandoned crossing but no noticeable issues to report.11/12/2014 Same as last inspection.05/13/2014 Same as last inspection.10/30/2013 Same as last inspection.05/22/2013 Same as last inspection.10/8/2012 Determine type of abandonment. FIELD_STRUCT_DESC: *ABANDONED* [Pumping Plant No. 2] 2 of 5: 48-inch by 72-inch reinforced concrete drainage culvert through the levee, 31.5 feet below the crown. Wood flap gate and concrete headwall on the waterside (WS) end. Wooden steps on the landside (LS) slope. Concrete steps on the WS end. [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 315, May 1953 (Station 582+19)]. FS Date: 5/1/2019 2:30:20 PM						

Photo 3 of 3 : UCIP_SP_2019_53898_65252.jpg



Pumping plant on LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2019

Sutter Maintenance Yard East Levee Sutter Bypass

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sutter Bypass Levee	Left	21.68	05/08/2019 05/08/2019	Makar Sokol

LM Start	10.83	Rating **	A/W	Issue No.	80
LM End	10.83	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.025673 °	39.025673 °
				-121.726873 °	-121.726873 °
DWR ID	16907				
Comment Code					
Inspector Comment					
FS_ID:53899 DS_ID:16907 EP_NO: N/A Repair Type: No Action Needed Crossing Status: Found UCIP Comments: 05/01/2019 (O. Magana - DWR UCIP)04/11/2017 Not abandoned. Good condition. (DWR Sutter Yard-AFreitag)10/10/2016 NOT ABANDONED. The old pumping plant was removed but the culverts are still used as a gravity drain to regulate the water level in the LS ditch.(DWR Sutter Yard - afreitag)04/18/2016 Crossing is in good condition. The culvert is not abandoned and is used as gravity drain for the LS ditch into the bypass channel.05/07/2015 Concrete culvert is being used as a gravity drain for LS ditch.11/12/2014 Same as last inspection.05/13/2014 Same as last inspection.10/30/2013 Same as last inspection.05/22/2013 Concrete culvert is being used as gravity drain for LS ditch.10/08/2012 Need to determine type of abandonment. FIELD_STRUCT_DESC: [Pumping Plant No. 2] 3 of 5: 48-inch by 72-inch reinforced concrete drainage culvert through the levee, 31.5 feet below the crown. Slide gate in concrete well on the waterside (WS) shoulder. Wood flap gate and concrete headwall on the WS end. Wooden steps on the landside (LS) slope. Concrete steps on the WS end. [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 315, May 1953 (Station 582+19)]. FS Date: 5/1/2019 2:31:00 PM					

LM Start	10.83	Rating **	A/W	Issue No.	80 (cont)
LM End	10.83	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2019_53899_65257.jpg



Slide gates on WS shoulder.

Photo 2 of 3 : UCIP_SP_2019_53899_65256.jpg



Flap gates on WS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2019

Sutter Maintenance Yard East Levee Sutter Bypass

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sutter Bypass Levee	Left	21.68	05/08/2019 05/08/2019	Makar Sokol

LM Start	10.83	Rating **	A/W	Issue No.	80 (cont)	
LM End	10.83	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			39.025673 °	39.025673 °	
				-121.726873 °	-121.726873 °	
DWR ID	16907					
Comment Code						
Inspector Comment						
FS_ID:53899 DS_ID:16907 EP_NO: N/A Repair Type: No Action Needed Crossing Status: Found UCIP Comments: 05/01/2019 (O. Magana - DWR UCIP)04/11/2017 Not abandoned. Good condition. (DWR Sutter Yard- AFreitag)10/10/2016 NOT ABANDONED. The old pumping plant was removed but the culverts are still used as a gravity drain to regulate the water level in the LS ditch.(DWR Sutter Yard - afreitag)04/18/2016 Crossing is in good condition. The culvert is not abandoned and is used as gravity drain for the LS ditch into the bypass channel.05/07/2015 Concrete culvert is being used as a gravity drain for LS ditch.11/12/2014 Same as last inspection.05/13/2014 Same as last inspection.10/30/2013 Same as last inspection.05/22/2013 Concrete culvert is being used as gravity drain for LS ditch.10/08/2012 Need to determine type of abandonment. FIELD_STRUCT_DESC: [Pumping Plant No. 2] 3 of 5: 48-inch by 72- inch reinforced concrete drainage culvert through the levee, 31.5 feet below the crown. Slide gate in concrete well on the waterside (WS) shoulder. Wood flap gate and concrete headwall on the WS end. Wooden steps on the landside (LS) slope. Concrete steps on the WS end. [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 315, May 1953 (Station 582+19)]. FS Date: 5/1/2019 2:31:00 PM						

Photo 3 of 3 : UCIP_SP_2019_53899_65255.jpg



Pumphouse and intake on LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2019

Sutter Maintenance Yard East Levee Sutter Bypass

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sutter Bypass Levee	Left	21.68	05/08/2019 05/08/2019	Makar Sokol

LM Start	10.83	Rating **	A/W	Issue No.	81
LM End	10.83	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.025656 °	39.025656 °
				-121.726878 °	-121.726878 °
DWR ID	16908				

Comment Code

Inspector Comment

FS_ID:53930
DS_ID:16908
EP_NO: N/A
Repair Type: No Action Needed
Crossing Status: Found
UCIP Comments: 05/01/2019 (O. Magana - DWR UCIP)04/11/2017 Not abandoned. Good condition. (DWR Sutter Yard - AFreitag)10/10/2016 NOT ABANDONED. The old pumping plant was removed but the culverts are still used as a gravity drain to regulate the water level in the LS ditch.(DWR Sutter Yard - afreitag)04/18/2016 Crossing is in good condition. The culvert is not abandoned and is used as gravity drain for the LS ditch into the bypass channel.05/07/2015 Concrete culvert is being used as a gravity drain for LS ditch.11/12/2014 Same as last inspection.10/30/2013 Same as last inspection.10/08/2012 Need to determine type of abandonment.05/22/2013 Concrete culvert is being used as gravity drain for LS ditch.
FIELD_STRUCT_DESC: *ABANDONED* [Pumping Plant No. 2] 4 of 5: 48-inch by 72-inch reinforced concrete drainage culvert through the levee, 31.5 feet below the crown. Slide gate in concrete well on the waterside (WS) shoulder. Wood flap gate and concrete headwall on the WS end. Wooden steps on the landside (LS) slope. Concrete steps on the WS end. [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 315, May 1953 (Station 582+19)].
FS Date: 4/13/2017 2:19:00 PM

LM Start	10.83	Rating **	A/W	Issue No.	81 (cont)
LM End	10.83	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2019_53930_65260.jpg



Slide gates on WS shoulder.

Photo 2 of 3 : UCIP_SP_2019_53930_65259.jpg



Flap gates on WS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2019

Sutter Maintenance Yard East Levee Sutter Bypass

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sutter Bypass Levee	Left	21.68	05/08/2019 05/08/2019	Makar Sokol

LM Start	10.83	Rating **	A/W	Issue No.	81 (cont)
LM End	10.83	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.025656 °	39.025656 °
				-121.726878 °	-121.726878 °
DWR ID	16908				

Comment Code

Inspector Comment

FS_ID:53930
DS_ID:16908
EP_NO: N/A
Repair Type: No Action Needed
Crossing Status: Found
UCIP Comments: 05/01/2019 (O. Magana - DWR UCIP)04/11/2017 Not abandoned. Good condition. (DWR Sutter Yard - AFreitag)10/10/2016 NOT ABANDONED. The old pumping plant was removed but the culverts are still used as a gravity drain to regulate the water level in the LS ditch.(DWR Sutter Yard - afreitag)04/18/2016 Crossing is in good condition. The culvert is not abandoned and is used as gravity drain for the LS ditch into the bypass channel.05/07/2015 Concrete culvert is being used as a gravity drain for LS ditch.11/12/2014 Same as last inspection.10/30/2013 Same as last inspection.10/08/2012 Need to determine type of abandonment.05/22/2013 Concrete culvert is being used as gravity drain for LS ditch.
FIELD_STRUCT_DESC: *ABANDONED* [Pumping Plant No. 2] 4 of 5: 48-inch by 72-inch reinforced concrete drainage culvert through the levee, 31.5 feet below the crown. Slide gate in concrete well on the waterside (WS) shoulder. Wood flap gate and concrete headwall on the WS end. Wooden steps on the landside (LS) slope. Concrete steps on the WS end. [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 315, May 1953 (Station 582+19)].
FS Date: 4/13/2017 2:19:00 PM

Photo 3 of 3 : UCIP_SP_2019_53930_65258.jpg



Pumphouse and intake on LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2019

Sutter Maintenance Yard East Levee Sutter Bypass

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sutter Bypass Levee	Left	21.68	05/08/2019 05/08/2019	Makar Sokol

LM Start	10.83	Rating **	A/W	Issue No.	82
LM End	10.83	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.025639 °	39.025639 °
				-121.726874 °	-121.726874 °
DWR ID	16909				

Comment Code

Inspector Comment

FS_ID:53931
DS_ID:16909
EP_NO: N/A
Repair Type: No Action Needed
Crossing Status: Found
UCIP Comments: 05/01/2019 (O. Magana - DWR UCIP)04/11/2017 Not abandoned. Good condition. (DWR Sutter Yard - AFreitag)10/10/2016 NOT ABANDONED. The old pumping plant was removed but the culverts are still used as a gravity drain to regulate the water level in the LS ditch.(DWR Sutter Yard - afreitag)04/18/2016 Crossing is in good condition. The culvert is not abandoned and is used as gravity drain for the LS ditch into the bypass channel.05/07/2015 Concrete culvert is being used as a gravity drain for LS ditch.11/12/2014 Same as last inspection.05/13/2014 Same as last inspection.10/30/2013 Same as last inspection.05/22/2013 Concrete culvert is being used as gravity drain for LS ditch.10/08/2012 Need to determine type of abandonment for pipe.
FIELD_STRUCT_DESC: [Pumping Plant No. 2] 5 of 5: 48-inch by 72-inch reinforced concrete drainage culvert through the levee, 31.5 feet below the crown. Slide gate in concrete well on the waterside (WS) shoulder. Wood flap gate and concrete headwall on the WS end. Wooden steps on the landside (LS) slope. Concrete steps on the WS end. [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 315, May 1953 (Station 582+19)].
FS Date: 5/1/2019 3:13:59 PM

LM Start	10.83	Rating **	A/W	Issue No.	82 (cont)
LM End	10.83	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2019_53931_65263.jpg



Slide gates on WS shoulder.

Photo 2 of 3 : UCIP_SP_2019_53931_65262.jpg



Flap gates on WS Toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2019

Sutter Maintenance Yard East Levee Sutter Bypass

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sutter Bypass Levee	Left	21.68	05/08/2019 05/08/2019	Makar Sokol

LM Start	10.83	Rating **	A/W	Issue No.	82 (cont)	
LM End	10.83	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			39.025639 °	39.025639 °	
				-121.726874 °	-121.726874 °	
DWR ID	16909					
Comment Code						
Inspector Comment						
FS_ID:53931 DS_ID:16909 EP_NO: N/A Repair Type: No Action Needed Crossing Status: Found UCIP Comments: 05/01/2019 (O. Magana - DWR UCIP)04/11/2017 Not abandoned. Good condition. (DWR Sutter Yard- AFreitag)10/10/2016 NOT ABANDONED. The old pumping plant was removed but the culverts are still used as a gravity drain to regulate the water level in the LS ditch.(DWR Sutter Yard - afreitag)04/18/2016 Crossing is in good condition. The culvert is not abandoned and is used as gravity drain for the LS ditch into the bypass channel.05/07/2015 Concrete culvert is being used as a gravity drain for LS ditch.11/12/2014 Same as last inspection.05/13/2014 Same as last inspection.10/30/2013 Same as last inspection.05/22/2013 Concrete culvert is being used as gravity drain for LS ditch.10/08/2012 Need to determine type of abandonment for pipe. FIELD_STRUCT_DESC: [Pumping Plant No. 2] 5 of 5: 48-inch by 72- inch reinforced concrete drainage culvert through the levee, 31.5 feet below the crown. Slide gate in concrete well on the waterside (WS) shoulder. Wood flap gate and concrete headwall on the WS end. Wooden steps on the landside (LS) slope. Concrete steps on the WS end. [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 315, May 1953 (Station 582+19)]. FS Date: 5/1/2019 3:13:59 PM						

Photo 3 of 3 : UCIP_SP_2019_53931_65261.jpg



Pumphouse/intake on LS toe.

LM Start	10.88	Rating **	M	Issue No.	1
LM End	10.91	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 USACE Erosion Survey, DRAFT			39.024835 °	39.024399 °
				-121.726929 °	-121.726808 °
DWR ID	DWR_ST0002_01_s_2016_1				
Comment Code					
Inspector Comment					
2011 - Small section of the mid levee slope has eroded from wind wave.					
2015: Site is part of the extended inventory, last inspected 2011. [2015 Site ID: SBP_11-1_L] No change					

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2019

Sutter Maintenance Yard East Levee Sutter Bypass

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sutter Bypass Levee	Left	21.68	05/08/2019 05/08/2019	Makar Sokol

LM Start	12.75	Rating **	M	Issue No.	44
LM End	12.75	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.998698 °	38.998698 °
				-121.718062 °	-121.718062 °
DWR ID	DWR_ST0002_01_s_2018_44				
Comment Code					
MA : Material					
Inspector Comment					
Remove the tires from the waterside slope and toe.					

Photo 1 of 1 : SP_2019_ST0002_450_44_20190327_00010.jpg



View of the tires along the waterside slope and toe.

LM Start	13.34	Rating **	A/W	Issue No.	23
LM End	13.34	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.991857 °	38.991857 °
				-121.711555 °	-121.711555 °
DWR ID	DWR_ST0002_01_s_2015_23				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					
Monitor the erosion along the waterside slope.					

Photo 1 of 1 : SP_2019_ST0002_450_23_20190327_00004.jpg



View of the vehicle erosion along the slope.

LM Start	14.71	Rating **	M	Issue No.	37
LM End	14.71	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.979389 °	38.979389 °
				-121.691923 °	-121.691923 °
DWR ID	DWR_ST0002_01_f_2016_37				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 1 : SP_2019_ST0002_450_37_20190327_00008.jpg



View of the erosion caused by vehicle traffic.

*** Location**

LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2019

Sutter Maintenance Yard East Levee Sutter Bypass

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sutter Bypass Levee	Left	21.68	05/08/2019 05/08/2019	Makar Sokol

LM Start	17.60	Rating **	M	Issue No.	21
LM End	17.60	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.949965 °	38.949965 °
				-121.653823 °	-121.653823 °
DWR ID	DWR_ST0002_01_s_2015_21				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 2 : SP_2019_ST0002_450_21_20190327_00002.jpg



View of the vehicle erosion along the waterside slope.

LM Start	17.60	Rating **	M	Issue No.	21 (cont)
LM End	17.60	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : SP_2019_ST0002_450_21_20190327_00003.jpg



View of the vehicle erosion along the waterside slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2019

Sutter Maintenance Yard East Levee Sutter Bypass

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sutter Bypass Levee	Left	21.68	05/08/2019 05/08/2019	Makar Sokol

LM Start	19.18	Rating **	A/W	Issue No.	87	
LM End	19.18	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.932476 °	38.932476 °	
				-121.635173 °	-121.635173 °	
DWR ID	16877					
Comment Code						
Inspector Comment						
FS_ID:53911 DS_ID:16877 EP_NO: N/A Repair Type: No Action Needed Crossing Status: Found UCIP Comments: 05/01/2019 (O. Magana - DWR UCIP)04/11/2017 Not abandoned. Good condition. (DWR Sutter Yard - AFreitag)10/10/2016 NOT ABANDONED. The old pumping plant was abandoned but the culverts are still used as a gravity drain to regulate the water level in the LS ditch.(DWR Sutter Yard - afreitag)04/18/2016 Crossing is in good condition. The culvert is not abandoned and is used as gravity drain for the LS ditch into the bypass channel.05/07/2015 Concrete culvert is being used as a gravity drain for LS ditch.11/12/2014 Same as last inspection.05/14/2014 Same as last inspection.10/30/2013 Same as last inspection.05/23/2013 Concrete culvert is being used as gravity drain for LS ditch.10/09/2012 Determine type of abandonment for concrete culvert. FIELD_STRUCT_DESC: [Pumping Plant No. 1] 1 of 3: 48-inch by 72- inch reinforced concrete drainage culvert through the levee, 26 feet below the crown. Slide gates in a concrete well on the waterside (WS) shoulder. Wooden flap gates and concrete headwall on the WS end. Concrete steps and staff gage reading to 53 feet on the WS slope. [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 315, May 1953 (Station 141+46)]. FS Date: 5/1/2019 2:41:34 PM						

Photo 1 of 3 : UCIP_SP_2019_53911_65326.jpg



Pumphouse on LS toe.

LM Start	19.18	Rating **	A/W	Issue No.	87 (cont)
LM End	19.18	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2019_53911_65325.jpg



Slide gates on WS shoulder.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

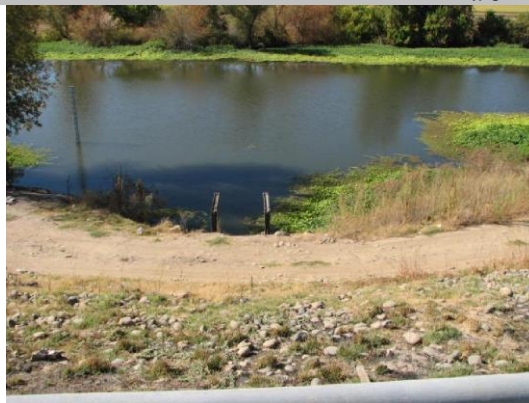
Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2019

Sutter Maintenance Yard East Levee Sutter Bypass

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sutter Bypass Levee	Left	21.68	05/08/2019 05/08/2019	Makar Sokol

LM Start	19.18	Rating **	A/W	Issue No.	87 (cont)	
LM End	19.18	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.932476 °	38.932476 °	
				-121.635173 °	-121.635173 °	
DWR ID	16877					
Comment Code						
Inspector Comment						
FS_ID:53911 DS_ID:16877 EP_NO: N/A Repair Type: No Action Needed Crossing Status: Found UCIP Comments: 05/01/2019 (O. Magana - DWR UCIP)04/11/2017 Not abandoned. Good condition. (DWR Sutter Yard - AFreitag)10/10/2016 NOT ABANDONED. The old pumping plant was abandoned but the culverts are still used as a gravity drain to regulate the water level in the LS ditch.(DWR Sutter Yard - afreitag)04/18/2016 Crossing is in good condition. The culvert is not abandoned and is used as gravity drain for the LS ditch into the bypass channel.05/07/2015 Concrete culvert is being used as a gravity drain for LS ditch.11/12/2014 Same as last inspection.05/14/2014 Same as last inspection.10/30/2013 Same as last inspection.05/23/2013 Concrete culvert is being used as gravity drain for LS ditch.10/09/2012 Determine type of abandonment for concrete culvert. FIELD_STRUCT_DESC: [Pumping Plant No. 1] 1 of 3: 48-inch by 72-inch reinforced concrete drainage culvert through the levee, 26 feet below the crown. Slide gates in a concrete well on the waterside (WS) shoulder. Wooden flap gates and concrete headwall on the WS end. Concrete steps and staff gage reading to 53 feet on the WS slope. [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 315, May 1953 (Station 141+46)]. FS Date: 5/1/2019 2:41:34 PM						

Photo 3 of 3 : UCIP_SP_2019_53911_65327.jpg



Flap gates on WS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2019

Sutter Maintenance Yard East Levee Sutter Bypass

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sutter Bypass Levee	Left	21.68	05/08/2019 05/08/2019	Makar Sokol

LM Start	19.18	Rating **	A/W	Issue No.	88
LM End	19.18	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.932469 °	38.932469 °
				-121.635160 °	-121.635160 °
DWR ID	17027				

Comment Code

Inspector Comment

FS_ID:53912
DS_ID:17027
EP_NO: N/A
Repair Type: No Action Needed
Crossing Status: Found
UCIP Comments: 05/01/2019 (O. Magana - DWR UCIP)04/11/2017 Not abandoned. Good Condition. (DWR Sutter Yard-AFreitag)10/10/2016 NOT ABANDONED. The old pumping plant was abandoned but the culverts are still used as a gravity drain to regulate the water level in the LS ditch.(DWR Sutter Yard - afreitag)04/18/2016 Crossing is in good condition. The culvert is not abandoned and is used as gravity drain for the LS ditch into the bypass channel.05/07/2015 Concrete culvert is being used as a gravity drain for LS ditch.11/12/2014 Same as last inspection.05/14/2014 Same as last inspection.10/30/2013 Same as last inspection.05/23/2013 Concrete culvert is being used as gravity drain for LS ditch.10/09/2012 Determine type of abandonment for concrete culverts.
FIELD_STRUCT_DESC: [Pumping Plant No. 1] 2 of 3: 48-inch by 72-inch reinforced concrete drainage culvert through the levee, 26 feet below the crown. Slide gates in a concrete well on the waterside (WS) shoulder. Wooden flap gates and concrete headwall on the WS end. Concrete steps and staff gage reading to 53 feet on the WS slope.
[Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 315, May 1953 (Station 141+46)].
FS Date: 5/1/2019 2:42:33 PM

LM Start	19.18	Rating **	A/W	Issue No.	88 (cont)
LM End	19.18	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2019_53912_65330.jpg



Pumphouse on LS toe.

Photo 2 of 3 : UCIP_SP_2019_53912_65329.jpg



Slide gates on WS shoulder.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N/A : Not Applicable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance
Levee Inspections**

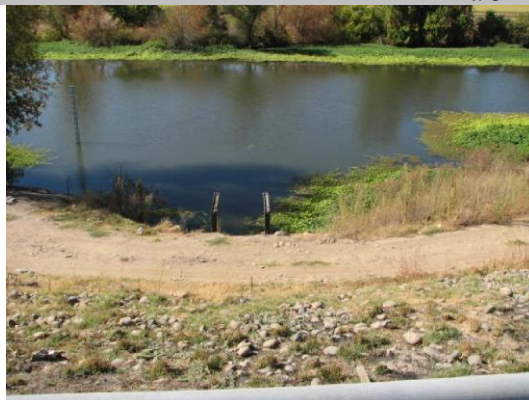
Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2019

Sutter Maintenance Yard East Levee Sutter Bypass

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sutter Bypass Levee	Left	21.68	05/08/2019 05/08/2019	Makar Sokol

LM Start	19.18	Rating **	A/W	Issue No.	88 (cont)	
LM End	19.18	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.932469 °	38.932469 °	
				-121.635160 °	-121.635160 °	
DWR ID	17027					
Comment Code						
Inspector Comment						
FS_ID:53912 DS_ID:17027 EP_NO: N/A Repair Type: No Action Needed Crossing Status: Found UCIP Comments: 05/01/2019 (O. Magana - DWR UCIP)04/11/2017 Not abandoned. Good Condition. (DWR Sutter Yard- AFreitag)10/10/2016 NOT ABANDONED. The old pumping plant was abandoned but the culverts are still used as a gravity drain to regulate the water level in the LS ditch.(DWR Sutter Yard - afreitag)04/18/2016 Crossing is in good condition. The culvert is not abandoned and is used as gravity drain for the LS ditch into the bypass channel.05/07/2015 Concrete culvert is being used as a gravity drain for LS ditch.11/12/2014 Same as last inspection.05/14/2014 Same as last inspection.10/30/2013 Same as last inspection.05/23/2013 Concrete culvert is being used as gravity drain for LS ditch.10/09/2012 Determine type of abandonment for concrete culverts. FIELD_STRUCT_DESC: [Pumping Plant No. 1] 2 of 3: 48-inch by 72-inch reinforced concrete drainage culvert through the levee, 26 feet below the crown. Slide gates in a concrete well on the waterside (WS) shoulder. Wooden flap gates and concrete headwall on the WS end. Concrete steps and staff gage reading to 53 feet on the WS slope. [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 315, May 1953 (Station 141+46)]. FS Date: 5/1/2019 2:42:33 PM						

Photo 3 of 3 : UCIP_SP_2019_53912_65328.jpg



Flap gates on WS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2019

Sutter Maintenance Yard East Levee Sutter Bypass

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sutter Bypass Levee	Left	21.68	05/08/2019 05/08/2019	Makar Sokol

LM Start	19.18	Rating **	A/W	Issue No.	89
LM End	19.18	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.932460 °	38.932460 °
				-121.635150 °	-121.635150 °
DWR ID	17028				

Comment Code

Inspector Comment

FS_ID:53913
DS_ID:17028
EP_NO: N/A
Repair Type: No Action Needed
Crossing Status: Found
UCIP Comments: 05/01/2019 (O. Magana - DWR UCIP)04/11/2017 Not Abandoned. Good Condition. (DWR Sutter Yard - AFreitag)10/10/2016 NOT ABANDONED. The old pumping plant was abandoned but the culverts are still used as a gravity drain to regulate the water level in the LS ditch.(DWR Sutter Yard - afreitag)04/18/2016 Crossing is in good condition. The culvert is not abandoned and is used as gravity drain for the LS ditch into the bypass channel.05/07/2015 Concrete culvert is being used as a gravity drain for LS ditch.11/12/2014 Same as last inspection.05/14/2014 Same as last inspection.10/30/2013 Same as last inspection.05/23/2013 Concrete culvert is being used as gravity drain for LS ditch.10/09/2012 Need to determine type of abandonment for concrete culverts.
FIELD_STRUCT_DESC: [Pumping Plant No. 1] 3 of 3: 48-inch by 72-inch reinforced concrete drainage culvert through the levee, 26 feet below the crown. Slide gates in a concrete well on the waterside (WS) shoulder. Wooden flap gates and concrete headwall on the WS end. Concrete steps and staff gage reading to 53 feet on the WS slope.
[Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 315, May 1953 (Station 141+46)].
FS Date: 5/1/2019 2:43:21 PM

LM Start	19.18	Rating **	A/W	Issue No.	89 (cont)
LM End	19.18	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2019_53913_65333.jpg



Pumphouse on LS toe.

Photo 2 of 3 : UCIP_SP_2019_53913_65332.jpg



Slide gates on WS shoulder.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N/A : Not Applicable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2019

Sutter Maintenance Yard East Levee Sutter Bypass

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sutter Bypass Levee	Left	21.68	05/08/2019 05/08/2019	Makar Sokol

LM Start	19.18	Rating **	A/W	Issue No.	89 (cont)	
LM End	19.18	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.932460 °	38.932460 °	
				-121.635150 °	-121.635150 °	
DWR ID	17028					
Comment Code						
Inspector Comment						
FS_ID:53913 DS_ID:17028 EP_NO: N/A Repair Type: No Action Needed Crossing Status: Found UCIP Comments: 05/01/2019 (O. Magana - DWR UCIP)04/11/2017 Not Abandoned. Good Condition. (DWR Sutter Yard - AFreitag)10/10/2016 NOT ABANDONED. The old pumping plant was abandoned but the culverts are still used as a gravity drain to regulate the water level in the LS ditch.(DWR Sutter Yard - afreitag)04/18/2016 Crossing is in good condition. The culvert is not abandoned and is used as gravity drain for the LS ditch into the bypass channel.05/07/2015 Concrete culvert is being used as a gravity drain for LS ditch.11/12/2014 Same as last inspection.05/14/2014 Same as last inspection.10/30/2013 Same as last inspection.05/23/2013 Concrete culvert is being used as gravity drain for LS ditch.10/09/2012 Need to determine type of abandonment for concrete culverts. FIELD_STRUCT_DESC: [Pumping Plant No. 1] 3 of 3: 48-inch by 72-inch reinforced concrete drainage culvert through the levee, 26 feet below the crown. Slide gates in a concrete well on the waterside (WS) shoulder. Wooden flap gates and concrete headwall on the WS end. Concrete steps and staff gage reading to 53 feet on the WS slope. [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 315, May 1953 (Station 141+46)]. FS Date: 5/1/2019 2:43:21 PM						

Photo 3 of 3 : UCIP_SP_2019_53913_65331.jpg



Flap gate at WS toe.

LM Start	19.21	Rating **	M	Issue No.	50
LM End	19.21	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.932019 °	38.932019 °
				-121.634713 °	-121.634713 °
DWR ID	DWR_ST0002_01_s_2019_50				
Comment Code					
TR : Tree or limb					
Inspector Comment					
The tree trunks and limbs should be removed from the waterside toe.					

Photo 1 of 1 : SP_2019_ST0002_450_50_20190510_00085.jpg



View of tree trunks and limbs at the waterside toe. Spring 2019.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2019

Sutter Maintenance Yard East Levee Sutter Bypass

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sutter Bypass Levee	Left	21.68	05/08/2019 05/08/2019	Makar Sokol

LM Start	19.73	Rating **	M	Issue No.	49
LM End	19.73	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.926346 °	38.926346 °
				-121.628543 °	-121.628543 °
DWR ID	DWR_ST0002_01_s_2019_49				
Comment Code					
TR : Tree or limb					
Inspector Comment					
The large tree trunk should be removed from the waterside toe.					

No Photos

LM Start	20.02	Rating **	M	Issue No.	29
LM End	20.02	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.922678 °	38.922678 °
				-121.625890 °	-121.625890 °
DWR ID	DWR_ST0002_01_f_2015_29				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 1 : SP_2019_ST0002_450_29_20190327_00006.jpg



View of the vehicle erosion along the waterside slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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